

M.Sc.(Env.) Semester - 3 (CBCS) Examination**OCT/NOV-2025****Environmental Management and Remote Sensing (Elective)****Time: 2:30 Hours****Marks:70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

Que.1 Answer the following questions (any seven) (14)

- 1) Define environmental management.
- 2) Mention any two international environmental standards.
- 3) What is the global perspective of environmental management?
- 4) Define the concept of ISO 14001.
- 5) What is meant by environmental assessment process?
- 6) Mention two advantages of implementing ISO 14001.
- 7) Define GPS and write its full form.
- 8) Mention two applications of GPS in daily life.

Que.2 Answer the following questions (Any two) (14)

- 1) Write a detailed account of environmental management and its global perspective.
- 2) Trace the brief history of environmental standards.
- 3) Discuss the introduction and importance of ISO 14001 in environmental management.

Que.3 Answer the following questions (Any two) (14)

- 1) Explain the concept of ISO 14001 and its role in sustainable development.
- 2) Describe in detail the steps involved in implementing ISO 14001.
- 3) Discuss the process of environmental assessment with examples and case studies.

Que.4 Answer the following questions (Any two) (14)

- 1) Explain the principle and working of GPS with a neat diagram.
- 2) Discuss the advantages and disadvantages of GPS.
- 3) Write a note on the application of GPS in different fields like agriculture, navigation, and disaster management.

Que.5 Answer the following questions (Any two) (14)

- 1) Explain the fundamental concepts of remote sensing and its geological applications.
- 2) Describe the fundamentals of digital image processing and GIS.
- 3) Discuss the advantages and disadvantages of remote sensing and GIS.
